

FORM 1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Compleat If Known

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9-5-03INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Sheet 1 of 1

Application Number	10/036,631
Filing Date	12/21/2001
First Named Inventor	Reed et al.
Group Art Unit	2875
Examiner Name	Peter J. Macchiarolo
Attorney Docket Number	PU010317

U. S. PATENT DOCUMENTS

Examiner Initials	Document Number	Date	Name	Class	Sub-Class	Filing Date
AM	AA 2001/0020814A1	9/13/2001	Kim	313	407	1/31/2001
AM	AB 2002/0079805A1	6/27/2002	Michalchuk	313	402	12/22/2000
AM	AC 6,157,121	12/5/2000	Ragland, Jr. et al.	313	403	10/13/1998
AM	AD 5,406,168	4/11/1995	Takagi	313	402	11/12/1992
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					
	AM					

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Date	Country	Class	Sub-Class	TRNS Y/N
AM	AN P2000-11912A	6/17/1998	Japan	H01J29/07		Y
AM	AO 2000-11912	1/14/2000	Japan	H01J29/07		N
AM	AP 2001-135254	5/18/2001	Japan	H01J29/02		N
AM	AQ 01206544	8/18/1989	European Patent Office	H01J29/07		N
AM	AR 11250825	2/26/1998	European Patent Office	H01J29/07		N
AM	AS 2000011912	1/14/2000	European Patent Office	H01J29/07		N
AM	AT EP 0 984 482 A2	3/8/2000	European Patent Office	H01J29/07		N
AM	AU EP 0 984 482 A3	5/3/2000	European Patent Office	H01J29/07		N
AM	AV 2001135254	5/18/2001	European Patent Office	H01J29/02		N
AM	AW EP 1 098 349 A1	5/9/2001	European Patent Office	H01J29/07		N

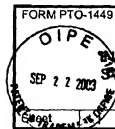
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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Examiner Signature	<i>Peter Macchiarolo</i>	Date Considered	10-13-03
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

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	AO					
	AP					
	AQ					
	AR					

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Date	Country	Class	Sub-Class	TRNS Y/N
AM	AS WO 02/39477 A2	5/16/2002	World Intellectual Property Organization	H01J29/07		N
AM	AT EP 0 911 857 A2	10/20/1998	European Patent Office	H01J29/07		N
	AU					
	AV					
	AW					

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AM	AX	PCT International Search Report, app. no. PCT/US 02/38396, dated 7/7/2003
	AY	
	AZ	

Examiner Signature	<i>Peter J. Macchiarolo</i>	Date Considered	10-14-03
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